As both figures show, the supply line area 6 on the flexible printed circuit board 4 projects at the sides. A plug 12 (Fig. 2) can be attached to its free end, so that it is possible to produce a connection to a socket on a rigid printed circuit board.

The arrangement has the advantage that a large number of light-emitting diodes 7 can be supplied with power via a common line - this being the supply line area 6 on the flexible printed circuit board 4. The process of making contact with the light-emitting diodes 7 is considerably simplified, since the lines 8 of the light-emitting diodes 7 just need to be linked to contact pads 10 on the flexible printed circuit board 4. The thermally conductive mounting board 2 also results in the entire light source having a good thermal budget.

IN THE CLAIMS

Please cancel claims 12, 13, 17 and 18 without prejudice or disclaimer of the subject matter therein and amend claims 11, 14-16 as follows:

All of the claims, both amended and non-amended are presented for continuity.

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11. (amended) A light source comprising a large number of light-emitting diodes, wherein the light-

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emitting diodes (7) are mounted alongside one another on one face of a flexible printed circuit board (4), and are electrically conductively connected to conductor tracks (9) on the flexible printed circuit board (4), wherein the flexible printed circuit board (4) is mounted with that face which is opposite the light-emitting diodes (7) on a stable mounting board (2) for heat dissipation and wherein the mounting board (2) is composed of thermally conductive material.

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14. (amended) The light source as claimed in claim 11, wherein the mounting board (2) is connected to a heat sink or is in form of a heat sink.

15. (amended) The light source as claimed in claim 11, wherein the flexible printed circuit board (4) is connected to the mounting board (2) by a thermally conductive adhesive or a thermally conductive adhesion layer.

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16. (amended) The light source as claimed in claim 11, wherein the conductor tracks (9) end in contact pads (10) on the flexible printed circuit board (4), and lines (8) which originate from the light-emitting diodes (7) make electrically conductive contact with the contact pads (10) on the flexible printed circuit board (4).

19. The light source as claimed in claim 11, wherein the light-emitting diodes (7) are arranged in an encapsulation compound (11).

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20. The light source as claimed in claim 19, wherein the encapsulation compound (11) extends as far as a light outlet surface of the light-emitting diodes (7).

Please enter new claims 21 and 22 as follows:

--21. (new) A light source comprising a large number of light-emitting diodes, wherein the light-emitting diodes (7) are mounted alongside one another on one face of a flexible printed circuit board (4), and are electrically conductively connected to conductor tracks (9) on the flexible printed circuit board (4), and wherein the flexible printed circuit board (4) is mounted with that face which is opposite the

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light-emitting diodes (7) on a stable mounting board (2) for heat dissipation, and wherein the flexible printed circuit board projects at one side beyond the mounting board (2).

22. (new) The light source as claimed in claim 21, further comprising a plug attachable to a flexible free end of said one side.--